

Patent Application of
Billie J. Longstreth
406 Rising Hill Drive, Fairborn, Ohio
Citizen of the United States of America
Application No. 09/025,896
Filing Date: February 18, 1998

MARKED-UP SUBSTITUTE SPECIFICATION

TITLE OF INVENTION

Cabbage Cutter

[CROSS-REFERENCE TO RELATED APPLICATIONS]

[Not Applicable] This section deleted.

[STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR
DEVELOPMENT]

[Not Applicable] This section deleted.

RECEIVED
AUG 06 2001
OFFICE OF PETITIONS

[REFERENCE TO A MICROFICHE APPENDIX]

[Not Applicable] This section deleted.

BACKGROUND OF THE INVENTION

This invention [relates to a domestic hand utensil used in a kitchen to cut up cabbage] is a non-powered, hand operated Cabbage cutter designed specifically to cut and chop cabbage.

Cabbage is a popular vegetable and, therefore, is often served on dinner tables in one form or another, alone or used in combination with other vegetables, or ingredients, in a variety of recipes. Anybody experienced in cutting [up] and chopping vegetables [will agree] know that cabbage, because of its short, thick stalk, and large head formed by tightly overlapping leaves, is the most difficult vegetable to cut up, therefore, the strength and durability of the device used to cut or chop cabbage is very important. Cooks are always looking for that certain device that might make the cutting of cabbage an easier task, and I am sure they have wasted money, as I have, by purchasing devices that they think will work better only to be disappointed time and again. Cooks today use a variety of knives, powered grinders, blenders, and food processors to cut cabbage. The problem is that the devices sold on the market today are

designed, and intended, to be used to cut, chop, mix, and
blend a variety of vegetables and food, thus, limiting their
efficiency to cut the most difficult vegetable which is
cabbage. Cabbage is so difficult to cut or chop it places
in a category by itself. [Prior devices, including those
that are sold on the market today, have disadvantages.]
Vegetable cutters and choppers sold on the market today have
other disadvantages too. [The electrical ones will jam and
have to be cleaned out several times during the process of
cutting up one head of cabbage, and the designs of the non-
electrical ones lack the sturdiness to withstand the heavier
chopping that is required for cutting up cabbage.] Because
cabbage is more difficult to cut or chop, the powered
devices will jam and may have to be cleaned out several
times during the process of cutting or chopping up one head
of cabbage. They are slow, tedious, and most likely require
some assembling before each use, and they are expensive and
difficult to clean. The non-powered, hand-operated devices
that are designed with open top rims and those designed with
removable tops and hand grips, lack the sturdiness and
durability to withstand the friction and force of the
heavier chopping and cutting motion that is required for
cutting and chopping cabbage and, therefore, may bend and
become ineffective. [This sturdy cabbage cutter is designed

to cut up cabbage better and do it easier than any vegetable cutter or chopper product on the market today.]

[For several years, I have used tin snips to cut off the smooth edge of an empty tin vegetable can and used the sharp edge of the can to cut up my cabbage and have found that it works better than any commercially sold product presently available, and that covers many products. My cabbage cutter invention was developed from this procedure, but it is much sturdier than the old tin can.] This cabbage cutter was developed from a homemade device I have used for several years to cut and chop my cabbage. I cut off the open rim of an empty tin vegetable can thus turning the rim into a sharp cutting means that very effectively cuts cabbage to any size desired. I have found that this homemade device works better than any of the commercially sold devices. Although this homemade device works better to cut and chop cabbage than any device sold on the market, it too has disadvantages. The can is constructed of tin and, therefore, is flimsy, lacking the sturdiness, strength, and durability to withstand repeated use and, therefore, bends and becomes ineffective, and the tin will rust, so the rim of an empty vegetable can has to be cut off for each head of cabbage cut up. This cabbage cutter can easily cut through

the thick stalks and tightly overlapping leaves and cut the
cabbage to the desired size.

There is definitely a need in the art for a device that
has been designed and developed specifically to cut cabbage,
a device that is strong and durable, inexpensive to
manufacture, therefore, making it inexpensive to purchase.
This cabbage cutter is easy to use, requires no assembling,
has no parts that may malfunction during use, and is easy to
clean. This cabbage cutter will satisfy all the needs
mentioned above.

BRIEF SUMMARY OF THE INVENTION

[The cabbage cutter consists of a round metal cylinder with a solid top and an open bottom with a sharp, knife-like cutting edge that can be sharpened if it should become dulled from use (just like a regular knife), a permanently secured cap spreads over the solid top of the cylinder and extends slightly over onto the sides to act as a hand grip and will also offer some cushion for the hand when the cabbage cutter is in use, and a safety cover that fits over the sharp, knife-like cutting edge that acts as a protective shield when the cabbage cutter is not in use or is stored.]
The object of this cabbage cutter is to provide a strong,
durable, inexpensive, and easy to use device that has been

designed and manufactured specifically to cut and chop
cabbage. This cabbage cutter is a non-powered, hand-
operated cutting and chopping device comprising a hollow,
metal, cylindrical shaped body having two ends and when
placed in a perpendicular position has a circular bottom and
a circular top connected by the cylindrical shaped body wall
having imperforate smooth interior and exterior surfaces.
The circular top rim of the cylindrical shaped body is
closed with the identical metal that is used to construct
the cylindrical shaped body, and the closed circular top of
the cylindrical shaped body is covered with a permanently
affixed cap (handgrip) that extends slightly over onto the
cylindrical shaped body exterior wall to serve as a handgrip
so that the person using the cabbage cutter will be able to
maintain a good grip on the device to use it efficiently and
effectively at all times. The circular bottom rim of the
cylindrical shaped body is open and filed or rubbed down to
a smooth, thin, sharp cutting and chopping means that can be
sharpened if it should become dulled from extensive use.
The cabbage cutter has a removable protective cover,
contiguous with the cutting and chopping means, that when
placed over the cutting and chopping means serves as a
protective shield from injury and protects the cutting and

chopping means from becoming damaged when the device is not
in use or stored.

The combination of the closed metal circular top and
the permanently affixed cap (handgrip), that is, the
placement of the permanently affixed cap (handgrip) over the
closed metal circular top, makes this cabbage cutter
substantially stronger and more durable, and distinguishes
this cabbage cutter from the other non-powered, hand-
operated cutting and chopping devices that are designed with
open top rims and those designed with removable tops and
removable handgrips.

This cabbage cutter works best when cabbage head is cut
in chunks (pieces), placed in a large bowl or container, and
the person using the device grasps the cap (handgrip) of the
device in their hand and brings the circular cutting and
chopping means down repeatedly (an up and down motion) onto
the cabbage cutting it to desired size. This cabbage cutter
was designed and constructed for strength and durability and
can easily, efficiently, and effectively cut through the
thick stalks and tightly overlapping leaves of the cabbage.

This cabbage cutter is a simple design, easy to use,
requires no assembling before use, and has no parts to
malfunction during use. Just remove the protective cover
from the cutting and chopping means and the device is ready

to use. The cabbage cutter is inexpensive to manufacture
and, therefore, inexpensive to purchase. The cabbage cutter
is easy to clean, dishwasher safe, and takes only a small
space to store when not in use.

BRIEF DESCRIPTION OF THE DRAWINGS

[FIG.1 is a perspective view of the round metal cylinder with a solid top and an open bottom that has a sharp, knife-like cutting edge.] FIG. 1 is a view of the hollow, metal cylindrical shaped body 1 having a closed circular top 2 and an open circular bottom rim with a cutting and chopping means 3 that are connected by the cylindrical shaped body wall 1.

[FIG.2 is a view of the cap that covers the cylinder's solid top that extends slightly over onto the sides all the way around the cylinder. This cap is permanently secured to the cylinder's solid top.] FIG. 2 is a view of the cap (handgrip) 4 that is permanently affixed to the closed circular top 2 of the hollow, metal cylindrical shaped body 1 and extends slightly over onto the cylindrical shaped body exterior wall 1 of the cabbage cutter to serve as a handgrip so that the person using the cabbage cutter will be able to

maintain a good grip on the device to use the device
efficiently and effectively at all times.

[FIG.3 is a view of the safety cover that fits over the open, sharp, knife-like cutting edge located at the bottom of the cylinder. This cover acts as a protective shield from the cutting edge when the product is not in use or stored away.] FIG. 3 is a view of the protective cover 5, contiguous with the cutting and chopping means 3 of the cylindrical shaped body 1 of the cabbage cutter, that fits over the cutting and chopping means 3 to serve as a protective shield from injury, and protects the cutting and chopping means 3 from becoming damaged when the cabbage cutter is not in use or stored.

[FIG.4 is a view of the three items merged together to produce the cabbage cutter as a whole product.] FIG. 4 is a view of the embodiment of the cabbage cutter when the device is not in use or stored. The hollow, metal cylindrical shaped body 1 with a closed circular top 2, an open circular bottom rim with a cutting and chopping means 3, a permanently affixed cap (handgrip) 4 covering the closed circular top 2 that extends slightly over onto the cylindrical shaped body exterior wall 1, and a protective

cover 5, contiguous with the cutting and chopping means 3,
are shown in place.

DETAILED DESCRIPTION OF THE INVENTION

[The cabbage cutter is comprised of a round metal cylinder. The top of the cylinder is solid and the bottom of the cylinder is open and has a sharp, knife-like cutting edge that can be sharpened, like a regular knife, if it should become dull from use.

The cylinder has a permanently secured cap that covers its solid top and the cap extends slightly over onto its sides all the way around. The cap acts as a handgrip and also offers some comfort and support to the hand during use.

The cabbage cutter has a safety cover that fits over the sharp, knife-like cutting edge that acts as a protective shield when the product is not in use or when stored.

While there has been shown and described a preferred embodiment of the cabbage cutter, it is understood that changes in structure, material, sizes and shapes can be made without departing from the invention. The invention is defined in the following claims.] This cabbage cutter is a non-powered, hand-operated device designed specifically to cut and chop cabbage comprising a hollow, metal cylindrical

shaped body 1 having two ends and when placed in a
perpendicular position has a circular bottom 3 and a
circular top 2 connected by the cylindrical shaped body wall
1 having imperforate smooth interior and exterior surfaces.
The circular top rim 2 of the cylindrical shaped body 1 is
closed with the identical metal that is used to construct
the cylindrical shaped body 1, and the circular bottom rim 3
of the cylindrical shaped body 1 is open. The closed
circular top 2 of the cylindrical shaped body 1 is covered
with a permanently affixed cap (handgrip) 4 that extends
slightly over onto the cylindrical shaped body exterior wall
1 of the device to serve as a handgrip so that the person
using the cabbage cutter will be able to maintain a good
grip on the device to use it efficiently and effectively at
all times. The open circular bottom rim 3 of the
cylindrical shaped body 1 is filed or rubbed down to a
smooth, thin, sharp circular cutting and chopping means 3
that can be sharpened if it should become dulled from
extensive use. The cabbage cutter has a removable
protective cover 5, contiguous with the cutting and chopping
means 3, that when placed over the cutting and chopping
means 3 serves as a protective shield from injury, and

protects the cutting and chopping means 3 from becoming
damaged when the cabbage cutter is not in use or stored.

The combination of the closed metal circular top 2 and
the permanently affix cap (handgrip) 4, that is, the
placement of the permanently affixed cap (handgrip) 4 over
the closed metal circular top 2, makes this cabbage cutter
substantially stronger and more durable, and distinguishes
the device from the other non-powered, hand-operated cutting
and chopping devices that are designed with open top rims
and those designed with removable tops and removable
handgrips.

This cabbage cutter works best when cabbage head is cut
in chunks (pieces), placed in a large bowl or container, and
the person using the device grasps the cap (handgrip) 4 of
the device in their hand and brings the circular cutting and
chopping means 3 down repeatedly (an up and down motion)
onto the cabbage cutting it to desired size.

Although this cabbage cutter is a simple design, the
device was designed and constructed for strength and
durability. This device is easy to operate, inexpensive to
manufacture and, therefore, inexpensive to purchase, easy to
clean and dishwasher safe, requires no assembling, has no
complicated movable parts that may malfunction during use.

Billie Jean Longstreet, 406 Rising Hill Drive, Fairborn, Ohio 45324,
Cabbage Cutter Specifications, Application No.: 09/025,896, Filing Date:
February 18, 1998

While there has been shown and described a preferred
embodiment of the cabbage cutter, it is understood that
changes in structure, material, sizes and shapes can be made
without departing from the invention. The invention is
defined in the following claim.

CLAIMS

I claim:

[This cabbage cutter, a product used to cut cabbage, consists of one metal cylinder, a permanently secured cap that covers the solid top of the cylinder and extends slightly over onto its sides all the way around, and one safety cover to fit over the sharp, knife-like cutting edge that serves as a protective shield whenever the cabbage cutter is not in use or is stored]. A non-powered, hand-operated cabbage cutter comprising a hollow, metal cylindrical shaped body having two ends and when placed in a perpendicular position has a circular bottom and a circular top connected by a cylindrical shaped body wall having imperforate smooth interior and exterior surfaces, and the circular top is closed with the identical metal that is used to construct the cylindrical shaped body; the closed circular top of the cylindrical shaped body is covered with a permanently affixed cap (handgrip) that extends slightly over onto the cylindrical shaped body exterior wall to serve as a handgrip so that the person using the device will be able to maintain a good grip on the device to use it efficiently and effectively at all times; the circular bottom rim of the cylindrical shaped body is open and filed or rubbed down to a smooth, thin, sharp, circular cutting

and chopping means that can be sharpened if it should become
dulled from extensive use, and the device has a removable
protective cover, contiguous with the circular cutting and
chopping means, that when placed over the said cutting and
chopping means serves as a protective shield from injury,
and protects the circular cutting and chopping means from
becoming damaged when the device is not in use or stored;
the combination of the closed metal circular top and
permanently affixed cap (handgrip), that is, the placement
of the permanently affixed cap (handgrip) over the closed
metal circular top, makes this cabbage cutter substantially
stronger and more durable, and distinguishes the device from
other non-powered, hand-operated cutting and chopping
devices that are designed with open top rims and those
designed with removable tops and removable handgrips; said
device works best when cabbage head is cut in chunks
(pieces), placed in a large bowl or container, and the
person using the device grasps the cap (handgrip) of the
device with their hand and brings the circular cutting and
chopping means down repeatedly (an up and down motion) onto
the cabbage cutting the cabbage to desired size; said
cabbage cutter can easily cut through the thick stalks and
tightly overlapping leaves of the cabbage.

ABSTRACT OF THE DISCLOSURE

[A cabbage cutter consisting of a round metal cylinder with a solid top and an open bottom. The solid top of the cutter is covered with a permanently secured cap that extends slightly over onto the sides of the cylinder that acts as a handgrip and also offers cushion to the hand during its use. The open bottom of the cylinder is a sharp, knife-like cutting edge that can be sharpened if it should become dulled from use. A safety cover that fits over the sharp, knife-like cutting edge that acts as a protective shield when the cabbage cutter is not in use or stored.]

This invention is a non-powered, hand-operated cabbage cutter designed specifically to cut and chop cabbage comprising a hollow, metal cylindrical shaped body having two ends and when placed in a perpendicular position has a circular bottom and a circular top that are connected by a cylindrical shaped body wall having imperforate smooth interior and exterior surfaces. The circular top rim of the cylindrical shaped body is closed with the identical metal that is used to construct the cylindrical shaped body, and the circular bottom rim of the cylindrical shaped body is open. The closed circular top of the cylindrical shaped body is covered with a permanently affixed cap (handgrip) that extends slightly over onto the cylindrical shaped body

exterior wall to serve as a handgrip so that the person
using the device will be able to maintain a good grip on the
device to use it efficiently and effectively at all times.
The open circular bottom rim of the cylindrical shaped body
is filed or rubbed down to a smooth, thin, sharp, circular
cutting and chopping means that can be sharpened if it
should become dulled from extensive use. The cabbage cutter
has a removable protective cover, contiguous with the
circular cutting and chopping means, that when placed over
the circular cutting and chopping means serves as a
protective shield from injury, and protects the circular
cutting and chopping means from becoming damaged when the
device is not in use or stored.

The combination of the closed metal circular top and
the permanently affixed cap (handgrip), that is, the
placement of the permanently affixed cap (handgrip) over the
closed metal circular top, makes this cabbage cutter
substantially stronger and more durable, and distinguishes
the device from other non-powered, hand-operated cutting and
chopping devices that are designed with open top rims and
those designed with removable tops and removable handgrips.

The cabbage cutter works best when cabbage head is cut
in chunks (pieces), placed in a large bowl or container, and
the person using the device grasps the cap (handgrip) of the

Billie Jean Longstreet, 406 Rising Hill Drive, Fairborn, Ohio 45324,
Cabbage Cutter Specifications, Application No.: 09/025,896, Filing Date:
February 18, 1998

device with their hand and brings the circular cutting and
chopping means down repeatedly (an up and down motion) onto
the cabbage cutting the cabbage to desired size.

Billie Jean Longstreet, 406 Rising Hill Drive, Fairborn, Ohio 45324,
Cabbage Cutter Specifications, Application No.: 09/025,896, Filing Date:
February 18, 1998

[SEQUENCE LISTING]

[Not Applicable] This section deleted.

